



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MICHIGAN, East

MIZ049

Huron

09 0500EST
10 0500EST

0 0

Heavy Snow

A Lake Huron lake effect band produced up to eight inches of snow over parts of northern Huron County

MIZ047>048-053>054-
060>063-068>070

Midland - Bay - Saginaw - Tuscola - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb

14 0600EST
15 1100EST

0 0

Heavy Snow

An Alberta Clipper tracked from Minnesota on January 14th, across southern Lake Michigan to near Toledo, then east to the eastern Seaboard on January 15th. While this system tracked across southern Lake Michigan, a persistent moderate to heavy snow band occurred along and north of M-59. Twelve hour snowfall with this system was generally between 6 and 11 inches across much of southeast Michigan, with the heaviest snow falling between M-59 and I-69. These high snowfall amounts are unusual for an Alberta Clipper, as these systems generally produce much less snow. This event lingered into the morning of the 15th as a Lake effect contribution off of Lake Huron helped Port Huron and Saint Clair record the highest total snowfall of 12 inches. Here are a few other specific higher amounts throughout southeast Michigan (in inches): 10.9 in White Lake (Oakland county), 10.5 in Flushing (Genesee county), 10 in Troy (Oakland county) and Burton (Genesee county), 9.5 in Clinton Township (Macomb county) and Almont (Lapeer county), 9.0 in Rochester (Oakland county), 8.5 in Owosso (Shiawassee county), 8.2 in West Saginaw (Saginaw county), 8.1 in Filion (Huron county), 8.0 in Midland (Midland county), 7.5 in Caro (Tuscola county) and Brighton (Livingston county), 7 in Bay City (Bay county) and northwest Detroit (Wayne county).

MIZ047>049-053>055-
060>062-068>069-075

Midland - Bay - Huron - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - Livingston - Oakland - Washtenaw

26 1900EST
28 0700EST

0 0

Winter Storm

A strong storm system lifted from the southern Plains and moved through southeast Michigan on Tuesday January 27th. Areas of snow developed across the region Monday evening. The snow was mixed with sleet, especially from M59 south. An inch or two of snow was reported in scattered locations from M59 north. This precipitation was replaced by widespread freezing drizzle overnight, with an 1/8 of an inch of ice reported in some locations from I 69 south. By Tuesday morning, the surface low tracking from Ohio moved into far southeast Michigan. Heavy freezing rain and sleet crossed the Michigan border shortly after 6 am EST. This precipitation changed to all snow during the morning, with accumulations of 1 to 2 inches per hour common, with even a couple reports of thunder. A dry slot moved into Southeast Michigan during the afternoon hours, before snow picked up again late in the day and continued into the early morning hours of Wednesday. By the time the snow ended Wednesday morning, total snowfall accumulations ranged from 5 to 10 inches. Here are a few specific snowfall totals from the storm (in inches): 10.5 in Sebawaing (Huron county), 9.2 in Otisville (Genesee county), 8.0 in Vassar (Tuscola county) and Linwood (Bay county), 7.5 in Brighton (Livingston), 7.0 in Sandusky (Sanilac county) and Chelsea (Washtenaw county), 6.7 in Owosso (Shiawassee), 6.1 in White Lake (Oakland county), 6.0 in Midland (Midland county) and Saginaw (Saginaw county).